PRELIMINARY AMENDMENT Attorney Docket: 3926.125

## IN THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Claims 1-6 (cancelled)

- 7. (New) A particle for producing a three-dimensional object by means of layer-building processes, comprising
- a core,
- a first coating on the core, and
- a second coating on the first coating

wherein the first coating is a material different from said core, the first coating is polar, and the thickness of the first coating corresponds to 0.1 to 10% of the mean particle radius, and

wherein the second coating is formed from surfactant, the thickness of which corresponds to a monolayer of the surfactant.

- 8. (New) The particle as claimed in claim 7, wherein the first coating and the second coating are soluble in water or an aqueous solution but the core is not.
- 9. (New) A process for producing a three-dimensional object, including the following steps:
- applying a layer of particles to a target surface,

PRELIMINARY AMENDMENT Attorney Docket: 3926.125

- irradiating a selected part of the layer, corresponding to a cross-section of the object, with an energy beam, so that the particles are joined in the selected part,

- repeating the application and irradiation steps for a plurality of layers, so that the joined parts of the adjacent layers are joined together in order to form the object,

wherein

- the particles are particles to whose outer surface a surfactant has been applied.
- 10. (New) The process as claimed in claim 9, wherein the particle for producing a three-dimensional object by means of layer-building processes comprises:
- a core,
- a first coating on the core, and
- a second coating on the first coating

wherein the first coating is a material different from said core, the first coating is polar, and the thickness of the first coating corresponds to 0.1 to 10% of the mean particle radius, and

wherein the second coating is formed from surfactant, the thickness of which corresponds to a monolayer of the surfactant.

- 11. (New) A process for producing a three-dimensional object, including the following steps:
- applying a layer of particles to a target surface,

PRELIMINARY AMENDMENT Attorney Docket: 3926.125

- printing a liquid in which at least parts of the particles are soluble onto a selected part of the layer, corresponding to a cross-section of the object, so that the particles are joined in the selected part,

- repeating the application and printing steps to form a plurality of layers, so that the joined parts of the adjacent layers are joined together in order to form the object, wherein
- the particles are particles to whose outer surface a surfactant has been applied.
- 12. (New) The process as claimed in claim 11, wherein the particle for producing a three-dimensional object by means of layer-building processes comprises:
- a core,
- 'a first coating on the core, and
- a second coating on the first coating

wherein the first coating is a material different from said core, the first coating is polar, and the thickness of the first coating corresponds to 0.1 to 10% of the mean particle radius, and

wherein the second coating is formed from surfactant, the thickness of which corresponds to a monolayer of the surfactant.

- 13. (New) An object formed from particles joined together by a layer-building processes, wherein the particles comprise
- a core,

PRELIMINARY AMENDMENT Attorney Docket: 3926.125

- a first coating on the core, and

- a second coating on the first coating

wherein the first coating is a material different from said core, the first coating is polar, and the thickness of the first coating corresponds to 0.1 to 10% of the mean particle radius, and

wherein the second coating is formed from surfactant, the thickness of which corresponds to a monolayer of the surfactant.

- 14. (New) A three-dimensional object formed from particles joined together by a layer-building processes including the following steps:
- applying a layer of particles to a target surface,
- irradiating a selected part of the layer, corresponding to a cross-section of the object, with an energy beam, so that the particles are joined in the selected part,
- repeating the application and irradiation steps to form a plurality of layers, so that the joined parts of the adjacent layers are joined together in order to form the object,

wherein

- the particles are particles to whose outer surface a surfactant has been applied.